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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Ryan A. Munson et al.

Appln. No. : 10/781,600

Filed : February 18, 2004

For : SHARED BUSINESS CONSTITUENT
MODEL

Docket No.: M61.12-0539

Group Art Unit: 3623

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS

26th DAY OF May, 2004.
Christopher L. Hobb
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed.

TIME OF FILING

The information disclosure statement is being filed:

1. X with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2. _____ after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. _____ a statement as specified in 37 C.F.R. § 1.97(e).

- B. the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).
3. after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);
- B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

 that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

 that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

METHOD OF PAYMENT

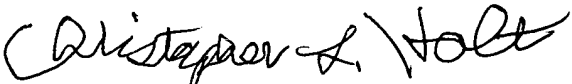
 X No fee is required.

 Attached is a check in the amount of \$.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

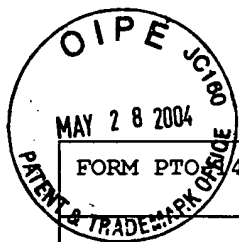
Respectfully submitted,

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CLH/rkp



FORM PTO 449	Atty. Docket No.: M61.12-0539	Appl. No.: 10/781,600
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Ryan A. Munson et al.	
	Filing Date	Group Art:
	February 18, 2004	3623

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA						
AB						
AC						
AD						
AE						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AF						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AG	Lupu, E.; & Sloman, M. "A Policy Based Role Object Model," IEEE Proc. First International Enterprise Distributed Object Computing Workshop. Oct. 1997, pp.36-47.
AH	Steimann, F. "Role = Interface: A Merger of Concepts," <u>Journal of Object-Oriented Programming</u> , Oct.-Nov. 2001, pp. 23-32.
AI	Steimann, F. "On the representation of roles in object-oriented and conceptual modelling," Data & Knowledge Engineering 35, 2000, pp. 83-106.
AJ	Roel Wieringa et al.; "Using Dynamic Classes and Role Classes to Model Object Migration," Appeared in Theory and Practice Of Object Systems, 1995, pp. 61-83. Now pp. 1-37.
AK	Li, Q.; & Wong, R.; "Multifaceted Object Modeling with Roles: A Comprehensive Approach," pp.1-19.
AL	Fowler, M. "Dealing with Roles," Martin Fowler, July 1997, pp. 1-29.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.